

WCR-19-7685



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D3492-5

Job Sheet 197119

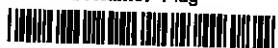
143



Part No: D3492-5

Part Name: Plug

Job Qty: 50 pcs



Part Weight: 0 lbs

Job Created: 6/28/19

Due Date: 7/1/19

Type: SOLD

Note: DWG REV E IPP Rev: A 11.04.19 per dwg revC DD ver: EC
Ship Via:

Status: New

Job Tracking No:

Created By: Jennifer Renwick

Description:

Priority: Medium

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	50 pcs	7/1/19	7/1/19	0.50	2.03	Hardinge - 1		10/07/13
110	QC 2	50 pcs	7/1/19	7/1/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 46		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		19/07/13
							QC 2 - 5		
							QC 2 - 71		
							QC 2 - 73		
							QC 2 - 69		
120	QC 8	50 pcs	7/1/19	7/1/19	0.00	0.00	QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		

DAS
65
9-89DAS
65
9-89

				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	2mm 19/07/13
				QC 8 - 68	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
150 Handfinish - 1-1 Chemical-B4B	50 pcs	7/1/19	0.00 0.17	Handfinish - 1 - 1 - B4B	
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	JUL 15 2019
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
160 Powdercoat - 1 White B(A)-B4B	50 pcs	7/1/19	0.00 0.07	Powdercoat - 1 - B4B	
				Powdercoat - 2 - B4B	
				Powdercoat - 3 - B4B	
				Powdercoat - 4 - B4B	
170 QC 3	50 pcs	7/1/19	0.00 0.00	QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	
				QC 3 - 41	
				QC 3 - 51	
				QC 3 - 58	

				QC 3 - 59	
				QC 3 - 68	
				QC 3 - 9	
				QC 3 - 40	JUL 22 2019
				QC 3 - 19	
				QC 3 - 43	
				QC 3 - 24	
				QC 3 - 61	
				QC 3 - 81	
180	Packaging 3-1 - Stock - B4B	50 pcs	7/1/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
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					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
190	QC 21 - SA	50 pcs	7/1/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53
Part Op 100 - (Hardinge) 1-Turn as per Folio FA634 & Dwg D3492 Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) 120 - (QC8- Inspect parts - second check) 150 - (Chemical Conversion Coat per QSI005 4.1) 160 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) (Flat End Only) START TIME: _____ FINISH TIME: _____ 170 - QC3- Inspect Part Finish) 180 - (Identify as per dwg & Stock Location: _____) LOCATION : FP001 190 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M6061T6R0.375	6061-T6 Round Bar .375"	3 ft (.06 ea)	100-Hardinge - 1	5172194	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Hardinge - 1	M6061T6R0.375	3	19	0	

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Plug	0.375inches $\pm$ 0.010	0.385 0.365		
2	Plug	0.188inches + 0.005 - 0.001	0.193 0.187		
3	Plug	0.045inches + 0.000 - 0.002	0.045 0.043		
4	Plug	0.500inches $\pm$ 0.010	0.510 0.490		
5	Plug	0.060inches $\pm$ 0.005	0.065 0.055		
6	Plug	0.060inches $\pm$ 0.005	0.065 0.055		
7	Plug	0.090inches + 0.000 - 0.002	0.090 0.088		

Plex 6/28/19 11:43 AM Dart.Renwick.Jennifer



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CANADA
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Container No: S197670



Part: D3492-5

Job No: 197119

Serial No/Batch: S197670

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 07/13/19

26 Date: Oct 31/19



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. 19-7688

Route update only

Job: <u>197119</u> Part No. <u>D3492-5</u>		DISPOSITION Rework ☐ Scrap ☒ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Machining ☒ Small Fab ☐ Large Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Engineering ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Rec/Store/Packaging ☐ Supplier ☐ Quality ☐																															
Date: <u>JUL 17 2019</u>		Sequence #: <u>120</u>		QTY Affected: <u>14</u> <u>106</u>		MRB (QSI042) DAS <u>55</u> 9-89 <u>Jul 17, 2019</u> Completed By <u>BR</u>																													
Description Work Order Deviation <u>- 14 parts are missing</u>				Disposition <u>- lost no replace</u>																															
				Lead hand / Supervisor <u>19-7-18</u> <u>19/07/17</u>																															
				QC / QA Coordinator <u>40</u> 9-89 <u>JUL 17 2019</u>																															
Root Cause Operator ☒ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="0"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☐ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☐ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☒ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>						☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☒ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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		Other/Details:																																	